

Automate Google Cloud with Red Hat Ansible Automation Platform

The business value of Ansible Automation Platform

Ansible Automation Platform users have achieved significant improvements in a number of key areas,¹ including:

- ▶ A 667% five-year return on investment
- ▶ 30% more efficient IT infrastructure management
- ▶ 29% more efficient network infrastructure management
- ▶ 75% faster deployment of new storage resources
- ▶ 39% more applications developed and managed per year
- ▶ 30% more efficient IT security teams
- ▶ A 76% reduction in unplanned downtime

An enterprise automation platform—such as Red Hat® Ansible® Automation Platform—can provide significant operational improvements to organizations struggling with managing the complexity of a hybrid cloud environment.

The benefits of hybrid cloud automation

Cost efficiency: Prevent cloud sprawl—which can lead to bloated cloud costs and unused resources—with automation to ensure no unused instances or resources remain active.

Operational efficiency: Free up engineers to innovate and create value by automating infrastructure and resource management tasks that would normally be their responsibility.

Improved governance: Reduce the need for manual intervention by using automation to ensure any resources and processes used follow all compliance and security requirements.

Automate Google Cloud with Ansible Automation Platform

With access to Ansible Automation Platform's large ecosystem of Certified Content Collections, organizations can connect multiple platforms and transform their existing manual processes into repeatable and scalable processes. These processes will translate across any IT environment—including Google Cloud—from the datacenter to the edge.

With Ansible Automation Platform's workflow template tool—and its extensive library of certified content for Google Cloud automation—multiple playbooks can be daisy chained in a simple visual designer to automate management of key areas of Google Cloud.

Table 1. Features of automating Google Cloud with Ansible Automation Platform

Feature	Details
Set up instances with Google Compute Engine	Automate the creation and management of Google Compute Engine instances and ensure security and compliance standards are checked and followed. This supports infrastructure visibility, cloud migration, and infrastructure optimization use cases.
Set up storage with Google Cloud Storage	Automate the creation and management of Google Cloud Storage buckets and the objects within them in Google Cloud. This supports cloud operations, optimization, and data backup use cases.
Manage storage and databases with support for Google Cloud Spanner	As part of an automation workflow, automate storage and database deployment and management with Google Cloud Spanner, including automated scaling of databases. Cloud operations and infrastructure orchestration will benefit by using Google Cloud Spanner as part of automated workflows.

Automate Google Cloud health checks	Google Cloud health checks can be implemented into an automated workflow to track resource back-end health—including load balancer back ends, traffic director back ends, and more—and trigger any needed remediation workflows. This will support scaling, load balancing, and system health use cases.
Automate management of Google Virtual Private Clouds (Google VPCs)	Automate the configuration and management of Google VPCs and coordinate networks to ensure they are accessible across cloud environments and on-premise. As part of an automated workflow, add and manage firewalls for Google VPCs to support compliance and security.
Automate security and compliance with integrations	Ansible Automation Platform integrates with Google Cloud and third-party security and compliance tools—while also allowing organizations to implement their own processes—to automate the management of users, access controls, and policy controls.

Check out the [Google Cloud Guide](#) to get started or read the [Google Cloud documentation](#).

The value of an Ansible Automation Platform subscription

Ansible Automation Platform is available as a self-managed offering from the Google Cloud Marketplace, ready to be deployed on Google Cloud. This offering is supported by Red Hat and provides the complete Ansible Automation Platform, including the full Ansible collection for Google Cloud, as well as integrations with many Google Cloud services. For a full list of integrations, visit the [Ansible on Google Cloud page](#).

Enterprise support: Red Hat provides Premium Support for this offering—meaning organizations have unlimited 24x7 access to Red Hat’s network of experienced engineers.

Integrated billing: Integrated Google Cloud billing gives organizations full visibility into their costs with a single bill and allows organizations with existing spend agreements with Google Cloud to count the cost of this offering toward that spend agreement.

Get started with Ansible Automation Platform on Google Cloud

Try cloud automation on Ansible with [Red Hat’s self-paced labs](#) or visit [Google Cloud Marketplace](#) to learn how to purchase an Ansible Automation Platform subscription.



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Red Hat helps customers standardize across environments, develop cloud-native applications, and integrate, automate, secure, and manage complex environments with [award-winning](#) support, training, and consulting services.

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